

Science and engineering profile: Alaska

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	1,110 [†]	620,140	50
S&E doctorates awarded, 2007	29	31,801	52
Life sciences (%)	41	26	–
Environmental sciences (%)	28	3	–
Engineering (%)	21	24	–
SEH postdoctorates in doctorate-granting institutions, 2006	0	49,201	51
SEH graduate students in doctorate-granting institutions, 2006	661	542,073	52
Population, 2008 (thousands)	686	308,014	48
Civilian labor force, 2008 (thousands)	357	155,366	49
Personal income per capita, 2007 (dollars)	40,042	38,615	16
Federal spending			
Total expenditures, 2007 (\$millions)	9,378	2,532,073	45
R&D obligations, 2006 (\$millions)	209	107,545	43
Total R&D performance, 2006 (\$millions)	291	335,377	49
Industry R&D, 2006 (\$millions)	49	243,853	50
Academic R&D, 2007 (\$millions)	160	49,406	45
Environmental sciences (%)	51	6	–
Life sciences (%)	23	60	–
Engineering (%)	12	15	–
SBIR awards, 2000–07	28	44,157	51
Utility patents issued to state residents, 2008	20	77,493	51
Gross domestic product, 2007 (\$billions)	45	13,832	47

[†]Coefficient of variation > 10% but < 25%; – = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: Alaska, FY 2006

(Thousands of dollars)

Agency	Performer							Rank
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State, local governments	
All agencies	209,038	56,939	0	63,900	67,235	16,324	4,640	43
Department of Agriculture	15,344	12,264	0	0	2,951	120	9	40
Department of Commerce	24,507	12,487	0	85	11,141	207	587	6
Department of Defense	86,238	9,502	0	51,322	19,414	6,000	0	34
Department of Energy	7,790	0	0	3,581	3,104	0	1,105	36
Department of Health and Human Services	13,361	2,500	0	270	6,309	3,338	944	50
Department of Homeland Security	1,002	0	0	2	0	1,000	0	34
Department of the Interior	24,987	20,186	0	1,047	2,240	1,199	315	5
Department of Transportation	1,690	0	0	1,690	0	0	0	34
Environmental Protection Agency	1,636	0	0	0	0	0	1,636	25
National Aeronautics and Space Administration	8,526	0	0	5,888	2,638	0	0	37
National Science Foundation	23,957	0	0	15	19,438	4,460	44	33
Rank	43	32	–	38	47	32	25	

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."